



#DAc/lee
ZCW

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Zhonghua Lu et al.

Art Unit : 1746

Serial No. : 09/845,178

Examiner : Monique Wills

Filed : April 27, 2001

Title : IMPROVED CATHODE COMPOSITIONS FOR LITHIUM BATTERIES

MAIL STOP PETITIONS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

PETITION TO REVIVE APPLICATION UNDER 37 CFR §1.137(b)

Applicant hereby petitions under 37 CFR §1.137(b) to revive the above application, which was abandoned on February 18, 2005 for failure to respond to Notice of Allowance mailed October 6, 2004.

Applicant submits that the response to the Notice of Allowance was timely filed before the due date of January 6, 2005 and encloses a copy of the response to the Notice of Allowance which was filed by facsimile on December 21, 2004.

Because the abandonment was due to error on the part of the Office, no petition fee is believed due. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

March 15, 2005

Dorothy P. Whelan

Reg. No. 33,814

Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696
60278765.doc

CERTIFICATE OF DELIVERY BY HAND

I hereby certify that this correspondence is being delivered by hand on the date indicated below and is addressed to the U.S. Patent and Trademark Office, 2011 South Clark Place, Customer Window, Mail Stop PETITIONS Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202.

Date of Delivery

Signature

Typed or Printed Name of Person Signing Certificate

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

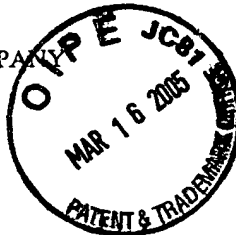
Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

32692 7590 10/06/2004

3M INNOVATIVE PROPERTIES COMPANY
PO BOX 33427
ST. PAUL, MN 55133-3427



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Lydia M. Cahill	(Depositor's name)
<i>Lydia M. Cahill</i>	(Signature)
DEC 21 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/845,178	04/27/2001	Zhonghua Lu	56373USA9A.002	2557

TITLE OF INVENTION: CATHODE COMPOSITIONS FOR LITHIUM-ION BATTERIES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	01/06/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
WILLS, MONIQUE M	1746	429-231950

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Dorothy P. Whelan
 2 Lucy C. Weiss
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

3M Innovative Properties Company

St. Paul, Minnesota 55133-3427

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 3

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 13-3223 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *Lucy C. Weiss*
 Typed or printed name Lucy C. Weiss

Date December 21, 2004
 Registration No. 32,834

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Auto-Reply Facsimile Transmission

TO: Fax Sender at 651 736 6133
 Fax Information
 Date Received: 12/21/2004 4:26:53 PM [Eastern Standard Time]
 Total Pages: 1 (including cover page)

ADVISORY: This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received
 Cover
 Page

INTEL PROP 220 10W 651 736 6133 12/21/04 16:19 01/01 NO:789

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE**
 Commissioner for Patents
 P.O. Box 1458
 Alexandria, Virginia 22315-1458
 (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Boxes 1 through 3 should be completed where appropriate. All further correspondence including the Patent, Advance Orders and certification of transmittal that will be mailed to the current correspondence address as indicated herein, should be sent to the address indicated in Box 1, by (a) specifying a new correspondence address, and (b) indicating a separate "FEE ADDRESS" for transmitting the notification.

1. FEE PAYOR'S NAME AND ADDRESS (Name, Title and Firm, complete or initials)
 22492 3M INNOVATIVE PROPERTIES COMPANY
 PO BOX 33427
 ST. PAUL, MN 55133-3427

2. FEE PAYOR'S SIGNATURE (Name, Title and Firm, complete or initials)
 Lydia M. Cahill
 Lydia M. Cahill
 DEC 21 2004

3. FEE PAYOR'S ADDRESS (Name, Title and Firm, complete or initials)
 Lydia M. Cahill
 Lydia M. Cahill
 DEC 21 2004

APPLICATION NO.	INVENTOR	FIRST NAMED INVENTOR	ATTORNEY OR AGENT	CONFIRMATION NO.
09/042,178	04/27/2001	Cheng, Li	6375187A 002	2517

4. TITLE OF INVENTION: CATHETER COMPOSITIONS FOR LITHIUM ION BATTERIES

APPLICANT TYPE	SMALL ENTITY	REG. FEE	PUBLICATION FEE	TOTAL FEE DUE	DATE DUE
Individual	NO	\$12.00	\$300	\$312.00	01-06-2005

EXAMINER	ART UNIT	CLASSIFICATION
WILLIS, MINOQUE M	1700	428-2110-0

5. Change of correspondence address or indication of "FEE Address" (If required, see 37 CFR 1.201)
☐ Change of correspondence address (in Charge of Correspondence Address Form PTO/SF-122) attached.
☐ New address, indication (or "FEE Address" indication form PTO/SF-122) Fee (US\$) or other means attached. Use of a Customer Number is required.

6. For printing on the patent front page, the:
 (1) the names of up to 3 registered patent attorneys or agents (US, alternatively);
 (2) the names of a single firm (acting as a member or registered patent attorney or agent) and the names of up to 2 registered patent attorneys or agents, if no name is listed, no name will be printed.

7. Assignee, name and address (Name, Title and Firm, complete or initials)
 PLEASE NOTE: Indicate an assignee is identified below; no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for publication in accordance with 37 CFR 1.15. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE 3M Innovative Properties Company
(B) RESIDENCE (CITY AND STATE OR COUNTRY) St. Paul, Minnesota 55133-3427

8. (Name check the appropriate assignee category as indicated (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

9. The following fee(s) are enclosed:
 (a) Issue Fee ☒
 (b) Publication Fee (for small entity discount period) ☒
 (c) Advance Order - # of Copies 3

10. Changes in Entity Status (from status indicated above)
☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(b)(2).

11. The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply, as previously paid, such fee to the application identified above.
 NOTE: The Issue Fee and Publication Fee (if required) will not be returned from anyone other than the applicant's registered attorney or agent, at the discretion of senior party is named as shown by the records of the United States Patent and Trademark Office.

12. Signature of Applicant Lucy C. Weiss **Date** December 21, 2004
 Typed or printed name Lucy C. Weiss Registration No. 97,834

13. This collection of information is required by 37 CFR 1.27. The information is required to assure the public which is to file (and by the USPTO) is provided as application. Confidentiality is provided by 37 CFR 1.27 and 37 CFR 1.14. This collection is submitted to the: (1) maintain in complete, including gathering, preparing and submitting the confidential application to the USPTO. Fees will vary according to the individual use. Any comments on the accuracy of this report are requested. (2) the report and suggestions for making this report should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1458, Alexandria, Virginia 22315-1458. DO NOT SEND THIS COLLECTION OF INFORMATION TO THE CHIEF INFORMATION OFFICER, U.S. Department of Commerce, P.O. Box 1458, Alexandria, Virginia 22315-1458.

14. Under the Paperwork Reduction Project (1585-0006) no persons are required to respond to information at less than 10 minutes of a burden of 1 hour (1 hour) of a burden.

PTOL-41 (Rev. 09/04) Approved for use through 06/29/07 OMB 0451-0732 U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

PAGE 01 RCVD AT 12/21/2004 4:26:53 PM [Eastern Standard Time] BY:USPTO-EPXOF-20 *CMB:7454040 *CSID:6517366133 *DURATION (min):00:54

RECEIVED

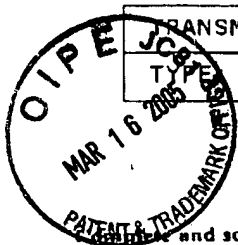
DEC 22 2004

LUCY C. WEISS

BEST AVAILABLE COPY

 * TRANSMIT MESSAGE CONFIRMATION REPORT *

NAME: INTEL PROP 220 10w
 TEL : 651 736 6133
 DATE: 12/21/04 16:19



TRANSMIT: USPTO	DURATION	PAGE	SESS	RESULT
TYPE MEMORY TX	MODE E-144	00'49	01	789
				OK

PART B - FEE(S) TRANSMITTAL

and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or **Fax** (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

(3) PRINT CURRENT CORRESPONDENCE ADDRESS (Name: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Patent Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

32402 73401 104002004
 3M INNOVATIVE PROPERTIES COMPANY
 PO BOX 33427
 ST. PAUL, MN 55133-3427

Certificate of Mailing or Transmission
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed in the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below:

Lydia M. Cahill	(Name)
<i>Lydia M. Cahill</i>	(Signature)
DEC 21 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY CHECK NO.	CONFIRMATION NO.
09/845,178	04/27/2001	Zhanghui Lu	56373USA9A.002	2557

TITLE OF INVENTION: CATHODE COMPOSITIONS FOR LITHIUM-ION BATTERIES

APPL. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	01/06/2005
EXAMINER	ART UNIT	CLASS/SUBCLASS			
WILLS, MONIQUE M	1746	429-231750			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SI/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SI/122; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent from page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the names of up to 3 registered patent attorneys or agents and the names of up to 2 registered attorney or agent and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Dorothy P. Whelan
 2. Lucy C. Weiss

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE:

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

3M Innovative Properties Company

St. Paul, Minnesota 55133-3427

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

XX ☒ Issue Fee
 XX ☒ Publication Fee (No small entity discount permitted)
 XX ☒ Advance Order - # of Copies 3

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.

XX ☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 13-1223 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(d)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid Issue Fee to the application identified above.
 NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Lucy C. Weiss
 Lucy C. Weiss

Date

December 21, 2004
 32,834

Typed or printed name

Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO in process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND PDS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.